

DMS22 72

MATERIAL SAFETY DATA SHEET

MSDS: AS 039
DATE: 1/6/84
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HERCULES INCORPORATED
WILMINGTON, DELAWARE, 19894

PHONE NUMBERS: Regular - 302-594-5000

After Normal Business Hours and Only for Emergencies involving Safety and Health - 302-995-3000

I. PRODUCT IDENTIFICATION

Chemical Name & Synonyms: NA

Chemical Family: Amine Cured Epoxy

Cas No.: NA

Formula: NA

Molecular Weight: NA

Trade Name: HERCULES* E-GLASS/3501-6 EPOXY PREPREG (TAPE & FABRIC)

KEVLAR** 49/3501-6 EPOXY PREPREG (TAPE & FABRIC)

II. HAZARDOUS INGREDIENTS

Material	%	TLV-TWA VALUES ADOPTED BY ACGIH 1983-84
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Uncured multifunctional Epoxy Resins	--	Not established
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III. PHYSICAL DATA

Boiling Point: NA

Freezing Point: NA

Vapor Pressure: NA

Specific Gravity: 1.13 - 2.2

Vapor Density: NA

Percent Volatile: Less than 1%

(Air=1)

(By Volume)

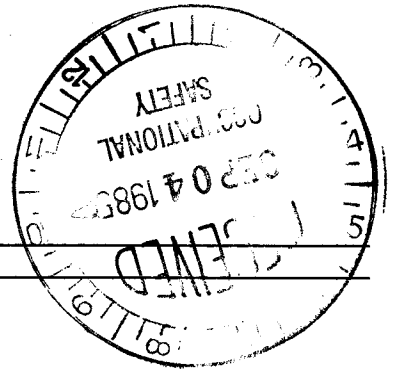
Solubility in Water: Negligible

Evaporation Rate: NA

pH: NA

(Butyl Acetate=1)

Appearance and Odor: Amber color. No odor.



IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Polymerizes below flash point

Autoignition Temperature: See Section VI

Flammable Limits In Air, % by Volume: NA

Extinguishing Media: Carbon dioxide, dry chemical, water.

Special Fire-Fighting Procedures: Use self-contained breathing apparatus or fresh air mask.

Unusual Fire and Explosion Hazards: None

Notes: NA = Not Applicable.

* Registered Trademark

**Registered Trademark of E.I. DuPont de Nemours Co. for Aramid fiber

The information contained herein is furnished without warranty of any kind. Product users should make independent judgments of suitability of this information to ensure proper use and protect the health and safety of employees.

V. HEALTH HAZARD DATA

Threshold Limit Value: Not established.

Effects of Overexposure: Causes typical epoxy irritation of eyes and skin. Prolonged or repeated contact may cause skin sensitization.

Emergency & First Aid Procedures:

SKIN: Immediately wash with soap and plenty of water.

EYES: Immediately flush with plenty of water. Get medical attention.

VI. REACTIVITY DATA

Stable. Conditions to Avoid: Slow reaction at room temperature. Avoid high temperatures in large confined volume of product.

Incompatibility (Materials to Avoid): Strong oxidizers.

Hazardous Decomposition Products: Oxides of nitrogen, carbon and sulfur.

Hazardous Polymerization May occur. Conditions to Avoid: Temperature above 135°C (275°F).

VII. SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled: Place in sealed plastic bags for disposal.

Waste Disposal Method: Landfill sealed bags. Dispose of in accordance with Federal, state, and local laws and regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required in normal use.

Ventilation Local Exhaust: --

Special: --

Mechanical: --

Other: Adequate ventilation.

(General)

Protective Gloves: Recommended.

Eye Protection: Recommended.

Other Protective Equipment: None

IX. SPECIAL PRECAUTIONS

Precautionary Labeling:

WARNING! THIS PRODUCT CONTAINS EPOXY RESINS AND MAY CAUSE ALLERGIC SKIN REACTION.
Avoid prolonged or repeated contact with skin.
Wash thoroughly after handling.

FIRST AID:

SKIN - Immediately wash with soap and plenty of water.

EYES - Immediately flush with plenty of water. Get medical attention.

Other Handling and Storage Conditions: Store at or below -18°C (0°F) in sealed containers for maximum stability.